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(54) **ORGANIC ELECTROLUMINESCENT ELEMENT MATERIAL AND ORGANIC ELECTROLUMINESCENT ELEMENT USING IT**

group or arylamino group.

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(57) Abstract:

**PROBLEM TO BE SOLVED:** To provide an organic EL element having high luminous efficiency in a spectrum region of yellow to red and long luminescent life, by using an organic luminescent element material having a specific structure.

**SOLUTION:** An element material represented by the formula is used. In the formula, A<sup>1</sup>-A<sup>4</sup> independently represent a substituted or unsubstituted alkyl group, a monocyclic group or a condensation polycyclic group, A<sup>1</sup> and A<sup>2</sup>, and A<sup>3</sup> and A<sup>4</sup> represent a condensation polycyclic group using a nitrogen atom as a coupling means; Q<sup>1</sup>, Q<sup>2</sup> independently represent a hydrogen atom, cyano group, substituted or unsubstituted alkyl group, monocyclic group or a condensation polycyclic group; R<sup>1</sup>-R<sup>16</sup> independently represent a hydrogen atom, halogen atom, cyano group, nitro group, substituted or unsubstituted alkyl group, alkoxy group, aryloxy group, alkylthio group, arylthio group, monocyclic group, condensation polycyclic group, amino group, alkylamino

